



Upper San Antonio River: LID Demonstration at River Authority Facilities

Water Body	Upper San Antonio River (1911)
Location	San Antonio
River Basin	San Antonio River (18)
Contractor	San Antonio River Authority
Project Period	September 28, 2015 to November 30, 2017
Project Total	\$833,333 (Federal 60% and Local Match 40%)

Background

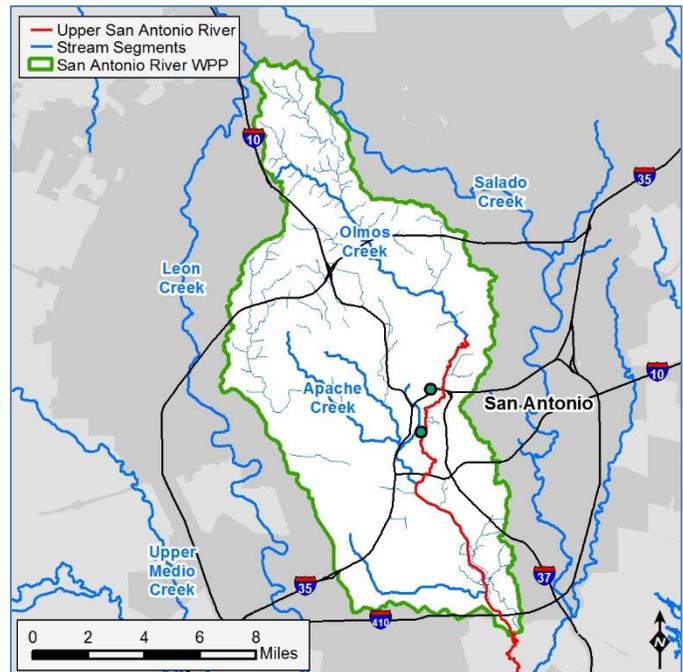
Portions of the Upper San Antonio River (segment 1911) have been impaired for elevated bacteria concentrations since 2000. In 2006, the San Antonio River Authority (SARA) completed the Upper San Antonio River Watershed Protection Plan (USAR WPP), and in 2007 the TCEQ adopted a total maximum daily load (TMDL) addressing this segment. The USAR WPP was updated in 2014 and the update was approved by EPA in 2015.

Project Description

The USAR WPP recommends a 30% reduction in bacteria loading from stormwater to bring the river into compliance with state water quality standards. The low impact development (LID) best management practices (BMPs) this project will install are identified in the USAR WPP. This project is designed to demonstrate the feasibility of LID retrofit projects in a heavily urbanized area. Runoff sampling at SARA's Guenther and Euclid properties show high bacteria concentrations and other constituents of concern, including nutrients. LID retrofits to the sites will capture and slow runoff, allowing time for infiltration and for the overflow runoff to cool before reaching the river. The selected sites present challenges that offer important demonstration opportunities, including limited right-of-way at each site. The limited right-of-way will require strategic selection, placement, and design of BMPs or BMP treatment trains in order to achieve the desired environmental result.

Current Status

The contract was executed on September 28, 2015.



Public Participation

The Bexar Regional Watershed Management – Water Quality Focus Group provides a forum for discussion of the continuing implementation and updates to the USAR WPP, which includes this project.

For More Information

TCEQ Project Manager

Bill Carter
512.239.6771; bill.carter@tceq.texas.gov

San Antonio River Authority Project Manager

Aarin Teague
210.302.3660; ateague@sara-tx.org

Project Highlights

- 09/2015 – Contract executed.
- 11/2015 – Post Award Meeting held.
- 12/2015 – QAPP Planning Meeting held.